503383116 07/08/2015 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY	DATA	·		
		Name	Execution Date	
JIAJUN ZHU			09/23/2011	
CHRISTOPHER PAUL URMSON			09/23/2011	
DIRK HAEHNEL			09/23/2011	
NATHANIEL FAIRFIELD			09/23/2011	
RUSSELL LEIGH SMITH			09/23/2011	
RECEIVING PARTY	ΑΤΑ			
Name:	GOOG	GOOGLE INC.		
Street Address:	1600 A	1600 AMPHITHEATRE PARKWAY		
City:	MOUN	MOUNTAIN VIEW		
State/Country:	CALIFO	CALIFORNIA		
Postal Code:	94043	94043		
Property Type		Number		
Application Number:		14792995		
CORRESPONDENCE	DATA			
Fax Number:		(908)654-0415		
		the e-mail address first; if that is u		
Phone:	-	<i>l; if that is unsuccessful, it will be s</i> (908) 518-6379	sent via US man.	
(,-		Assignment@ldlkm.com		
Correspondent Name: LDLK&M				
Address Line 1:		600 SOUTH AVENUE WEST		
Address Line 4:		WESTFIELD, NEW JERSEY 07090		
ATTORNEY DOCKET NUMBER:		GOOGLE 3.0-354 CON E		
NAME OF SUBMITTER:		MELINDA C. CORMIER	MELINDA C. CORMIER	
SIGNATURE:		/Melinda C. Cormier/	/Melinda C. Cormier/	
DATE SIGNED:		07/08/2015	07/08/2015	
Total Attachments: 5				
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Docket Number (Optional)

GOOGLE 3.0-354

WHEREAS, I, Jiajun Zhu of <u>A21 Paria Terrace: Sunnwale, California: 94089</u>, have invented or discovered inventions or discoveries, the subject matter of which is described in the patient application entitled "SYSTEM AND METHOD FOR EVALUATING THE PERCEPTION SYSTEM OF AN AUTONOMOUS VEHICLE" (herealter "Patient Application"),

WHEREAS (If the left box is checked), the Patent Application was filed with the U.S. Patent and Trademark Office on ______, Application Number _____, and

 x
 WHEREAS (if the left box is checked), the Patent Application names the following inventors:

 Jialan Zhu, Christopher Paul Umison, Dirk Hashnel, Nathaniel Fairfield, and Russell Leigh Smith (and whereas I hereby authorize Lemer, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets (Application No. 13/200,958, filed on 10/05/11) the application number and filing date of the application when known), and

WHEREAS, <u>Google Inc.</u>, incorporated or otherwise formed in <u>Delaware</u> and having a place of business at <u>1600</u> <u>Amphiliheatre Parkway: Mountain View, California 94043</u> (hereafter, the "assignee") is destrous of acquiring, or has acquired and is destrous of memorializing its acquisition further herein, the entire right, title and interest in same;

NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I agree as follows. I agree to assign, and hereby do assign, to the assignee my entire right, tille and interest in and to the Assigned Applications in the United States of America and all other countries, where "Assigned Applications" means the Patient Application, including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation-in-part, substitute, reissue, re-examination or other application claiming priority or benefit to the Patient Application pursuant to any law or treaty, and any patent issuing from the foregoing. [agree to assign, and hereby do assign, to assignee the right to claim such priority or benefit. I have not previously conveyed, nor am I aware of an obligation to convey, my rights in the Assigned Applications to a third party. I hereby authorize the U.S. Patent and Trademark Office, and any other governmental agency in the world, to issue to assignee all patents resulting from the Assigned Applications and to record assignce's ownership thereof. At assignee's reasonable request I agree, without further remineration, to execute and deliver documents prepared at assignee's expense and to provide other cooperation, such as testimony, as may be reasonably required to evidence or protect assignee's rights in the Assigned Applications. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree that the assignee may affix its signature to this document as well as any other indicit of its acceptance of the provisions hereof. If any provision herein is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a provision most closely reflecting the purpose of the offending provision.

(Date) (Signature)

BAVID

FERGUSON

Signature of Witness

Printed Name of Witness

PATENT REEL: 036024 FRAME: 0531

Docket Number (Oplicinal)

GOOGLE 3.0-354

WHEREAS, I, <u>Christopher Paul Urmson</u> of <u>218 Central Avenue: Mountain View, California</u> <u>94043</u>, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "SYSTEM AND METHOD FOR EVALUATING THE PERCEPTION SYSTEM OF AN AUTONOMOUS VEHICLE" (hereafter "Patent Application"),

WHEREAS (if the left box is checked), the Patent Application was filed with the U.S. Patent and Trademark Office on ______, Application Number ______, and

 ▲
 WHEREAS (if the left box is checked), the Patent Application names the following inventors:

 Jiatan Zhu, Christopher Paul Umson, Dirk Haehnel, Nathaniel Feinfield, and Russell Leich Smith (and whereas I hereby authorize Lemer, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. 13/200,958] filed on 10-05-11] the application number and filing date of the application when known), and

WHEREAS, <u>Goodie Inc.</u>, incorporated or otherwise formed in <u>Delaware</u> and having a place of business at <u>1600</u> <u>Amphiliheatre Parkway: Mountain View, Collionnia 94043</u> (hereafter, the "assignee") is desirous of acquiring, or has acquired and is desirous of memorializing its acquisition further herein, the entire right, title and interest in same;

NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I agree as follows. I agree to assign, and hereby do assign, to the assignee my entire right, title and interest in and to the Assigned Applications in the United States of America and all other countries, where "Assigned Applications" means the Patient Application, including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation-in-part, substitute, relasue, re-examination or other application claiming priority or benefit to the Patent Application pursuant to any law or treaty, and any patent issuing from the foregoing. I agree to assign, and hereby do assign, to assignee the right to claim such priority or benefit. I have not previously conveyed, nor am I aware of an obligation to convey, my rights in the Assigned Applications to a third party. Thereby authorize the U.S. Patent and Trademark Office, and any other governmental agency in the world, to issue to assignee all patents resulting from the Assigned Applications and to record assignee's ownership thereof. At assignee's reasonable request Lagree, without further remuneration, to execute and deliver documents prepared at assignee's expense and to provide other cooperation, such as testimony, as may be reasonably required to evidence or protect assignee's rights in the Assigned Applications. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree that the assignee may affix its signature to this document as well as any other indicia of its acceptance of the provisions hereof. If any provision herein is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a provision most closely reflecting the purpose of the offending provision.

Lovi (Date) Signature of Witness

<u>Ala</u>

(Signature)

Printed Name of Witness

PATENT REEL: 036024 FRAME: 0532

Docket Number (Optional)

GOOGLE 3,0-354

WHEREAS, I, Dirk Haehnei of 1177 Noel Drive; Menio Park, California 94025, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "SYSTEM AND METHOD FOR EVALUATING THE PERCEPTION SYSTEM OF AN AUTONOMOUS VEHICLE* (hereafter "Patent Application*).

WHEREAS (if the left box is checked), the Patent Application was filed with the U.S. Patent and Trademark Office on ______, Application Number _____ and

х WHEREAS (if the left box is checked), the Patent Application names the following inventors: Jajun Zhu, Christopher Paul Umson, Dirk Hashnel, Nathanisl Fairfield, and Russell Leigh Smith (and whereas I hereby authorize Lemer, David, Littenberg, Krumholz & Menilik, LLP, to Insert in here in brackets (Application No. 13/200,958, filed on 10-05-11) the application number and filing date of the application when known). and

WHEREAS, Google Inc., incorporated or otherwise formed in Delaware and having a place of business at 1600 Amphilheatre Parkway, Mountain View, California 94043 (hereafter, the "assignee") is desirous of acquiring, or has acquired and is desircus of memorializing its acquisition further herein, the entire right, title and interest in same;

NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I agree as follows. I agree to assign, and hereby do assign, to the assignee my entire right, title and interest in and to the Assigned Applications in the United States of America and all other countries, where "Assigned Applications" means the Patent Application, including any and all Inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation-in-part, substitute, relesue, re-examination or other application claiming priority or benefit to the Patent Application pursuant to any law or treaty, and any patent issuing from the foregoing. I agree to assign, and hereby do assign, to assignee the right to daim such priority or benefit. I have not praviously conveyed, nor am I aware of an obligation to convey, my rights in the Assigned Applications to a third party. I hereby authorize the U.S. Pateni and Trademark Office, and any other governmental agency in the world, to issue to assignee all patents resulting from the Assigned Applications and to record assignee's ownership thereof. At assignee's reasonable request I agree, without further remuneration, to execute and deliver documents prepared at assignee's expense and to provide other cooperation, such as testimony, as may be reasonably required to evidence or protect assignee's rights in the Assigned Applications. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree that the assignee may allix its signature to this document as well as any other indicit of its acceptance of the provisions hereof. If any provision herein is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a provision most closely reflecting the purpose of the offending provision.

09/2312011 (Date)

(Signature)

Signature of Witness FERGWIGN Printed Name of Witness

PATENT REEL: 036024 FRAME: 0533

Docket Number (Optional)

GOOGLE 3.0-354

WHEREAS, I, <u>Nathaniel Fairfield</u> of <u>1156</u> Burgovne Street: Mountain View. <u>Cellfornia</u> <u>94043</u>, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "SYSTEM AND METHOD FOR EVALUATING THE PERCEPTION SYSTEM OF AN AUTONOMOUS VEHICLE" (hereafter "Patent Application"),

UMEREAS (If the left box is checked), the Patient Application was filed with the U.S. Patent and Trademark Office on ______, Application Number _____, and

WHEREAS (If the left box is checked), the Patent Application names the following inventors: <u>Jiaun Zhu, Christopher Paul Urmson, Dirk Haehnel, Nathanlel Fairfield, and Russell Leigh Smith</u> (and whereas I hereby autionize Lemer, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets (Application No. <u>13/200,958</u>, filed on <u>10-05-11</u> the application number and filing date of the application when known), and

WHEREAS, <u>Google Inc.</u>, incorporated or otherwise formed in <u>Deleware</u> and having a place of business at <u>1600</u> <u>Amphitheatre Parkway: Mountain View, California, 94043</u> (hereafter, the "assignee") is desirous of acquiring, or has acquired and is desirous of memorializing its acquisition further herein, the entire right, title and interest in same;

NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I agree as follows. I agree to assign, and hereby do assign, to the assignee my entire right, fills and interest in and to the Assigned Applications in the United States of America and all other countries, where "Assigned Applications" means the Patent Application, including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation-in-part, substitute, reissue, re-examination or other application claiming priority or benefit to the Patent Application pursuant to any law or treaty, and any patent issuing from the foregoing. I agree to assign, and hereby do assign, to assignee the right to claim such priority or benefit. I have not previously conveyed, nor am I aware of an obligation to convey, my rights in the Assigned Applications to a third party. I hereby authorize the U.S. Patent and Trademark Office, and any other governmental agency in the world, to issue to assignce all patents resulting from the Assigned Applications and to record assignee's ownership thereof. At assignee's reasonable request I agree, without further remuneration, to execute and deliver documents prepared at assignee's expense and to provide other cooperation, such as testimony, as may be reasonably required to evidence or protect assignee's rights in the Assigned Applications. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree that the assignee may affix its signature to this document as well as any other indicia of its acceptance of the provisions hereof. If any provision herein is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a provision most closely reflecting the purpose of the offending provision.

(Date)

(Signature

ature of Witness FARGUSON Printed Name of Witness

PATENT REEL: 036024 FRAME: 0534

Docket Number (Optional)

GOOGLE 3.0-354

WHEREAS, I, <u>Russell Leigh Smith</u> of <u>3157 Allen Way, Santa Clam, California</u> <u>95051</u>, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "SYSTEM AND METHOD FOR EVALUATING THE PERCEPTION SYSTEM OF AN AUTONOMOUS VEHICLE" (hereafter "Patent Application"),

WHEREAS (If the left box is checked), the Patient Application was filed with the U.S. Patent and Trademark Office on ______, Application Number ______, and

 X
 WHEREAS (If the left box is checked), the Patent Application names the following Inventors:

 Jialun Zhu, Christopher Paul Umson, Dirk Haetmel, Natheniel Fairfield, and Russell Leigh Smith (and whereas I hereby authorize Lemer, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets (Application No. 13/200,958, illed on 10-05-11] the application number and filing date of the application when known), and

WHEREAS, <u>Google Inc.</u>, incorporated or otherwise formed in <u>Delaware</u> and having a place of business at <u>1600</u> <u>Amphitheatre Parkway; Mountain View, California, 94043</u> (hereafter, the "assignee") is desirous of acquing, or has acquired and is desirous of memorializing its acquisition further herein, the entire right, litle and interest in same;

NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I agree as follows. I agree to assign, and hereby do assign, to the assignee my entire right, title and interest in and to the Assigned Applications in the United States of America and all other countries, where "Assigned Applications" means the Patent Application, including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation in part, substitute, release, re-examination or other application claiming priority or benefit to the Patient Application pursuant to any law or treaty, and any patient issuing from the foregoing. I agree to assign, and hereby do assign, to assignee the right to claim such priority or benefit. I have not previously conveyed, nor am I aware of an cbligation to convey, my rights in the Assigned Applications to a third party. I hereby authorize the U.S. Patent and Trademark Office, and any other governmental agency in the world, to issue to assignee all patents resulting from the Assigned Applications and to record assignee's ownership thereof. At assignee's reasonable request I agree, without further remuneration, to execute and deliver documents prepared at assignee's expense and to provide other cooperation, such as testimony, as may be reasonably required to evidence or protect assignee's rights in the Assigned Applications. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree that the assignee may affix its signature to this document as well as any other indicia of its acceptance of the provisions hereof. If any provision herein is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a provision most closely reflecting the purpose of the offending provision.

Date

R. Sully,

(Signature)

ignature of Witness hints & FARGUSON Printed Name of Witness

RECORDED: 07/08/2015